

## Message Text

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ORIGIN ERDA-07

INFO OCT-01 IO-10 ISO-00 EA-06 EUR-12 FEA-01 ACDA-05

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P 241945Z JUN 75

FM SECSTATE WASHDC

TO USMISSION IAEA VIENNA PRIORITY

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E.O. 11652: GDS

TAGS: TECH, IAEA

SUBJECT CONSULTATIONS WITH AGENCY REGARDING SAFEGUARDS APPLICATION  
UNDER SAFEGUARDS TRANSFER AGREEMENTS

REF: (A) STATE 204624, 9/17/74; (B) LTR. EXCHANGES BETWEEN  
MISSION (10/1/74; 1/21/75) AND IAEA DG (11/19/74; 1/24/75)

1. NEED FOR ASSURANCES REGARDING IAEA SAFEGUARDS IMPLEMENTATION,  
AS OUTLINED REF A PARA 1, HAS BECOME INCREASINGLY IMPORTANT,  
PARTICULARLY WITH INCREASED FOCUS ON POTENTIAL DANGER OF  
PROLIFERATION AS RESULT OF SPREAD OF NUCLEAR TECHNOLOGY AND  
MATERIALS.

2. MISSION IS, THEREFORE REQUESTED INITIATE ASAP CONSULTATIONS  
WITH AGENCY, AS CONTEMPLATED IN AMB. TAPE'S OCTOBER 1974 LETTER  
TO DG, REGARDING APPLICATION OF PROVISIONS OF INFCIRC/66 REV. 2

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TO U.S. NUCLEAR MATERIALS/EQUIPMENT SUPPLIED ABROAD (AND PRODUCTED

MATERIAL) ON WHICH AGENCY IS APPLYING SAFEGUARDS.

3. LETTER EXCHANGE BETWEEN MISSION AND DG IN JANUARY CONFIRMED U.S. UNDERSTANDING THAT AGENCY IS PREPARED TO PROVIDE INFORMATION, OBTAINED IN CONNECTION WITH SAFEGUARDS IMPLEMENTATION, TO EXTENT OTHER STATE PARTY TO STA GIVES CONSENT; AND, AS MISSION AWARE, THOUGHT IS BEING GIVEN TO DRAFTING LETTER TO OTHER NATIONS IN THIS CONNECTION. IN OUR VIEW, HOWEVER, THERE IS CONSIDERABLE INFORMATION, POTENTIALLY USEFUL IN CONNECTION WITH URGENT NEED FOR ASSURANCES, WHICH IS NOT QUOTE OBTAINED BY AGENCY IN CONNECTION WITH SAFEGUARDS IMPLEMENTATION UNQUOTE AND WHICH AGENCY COULD PROVIDE TO U.S. WITHOUT CONFLICT WITH INFCIR/66, REV. 2 PARAS 13 AND 14 AND, THEREFORE, WITHOUT NEED FOR OTHER NATIONS' CONSENT. THIS IS PRIMARILY INFORMATION ON WHAT AGENCY ACTUALLY DOES AT SPECIFIC FACILITIES IN EACH COUNTRY. IT MIGHT INCLUDE, FOR EXAMPLE:

A. QUANTIFIED STATEMENT OF INSPECTION ACCESS ALLOWED BY FORMULA IN APPLICABLE SAFEGUARDS DOCUMENT (E.G. IN TERMS OF FREQUENCY OF INSPECTIONS OR MAN DAYS PER YEAR) COMPARED WITH ACCESS ACTUALLY USED;

B. EXTENT TO WHICH SURVEILLANCE TECHNIQUES AVAILABLE TO AGENCY (E.G., SEALS, CAMERAS) WERE ACTUALLY USED, POSSIBLE IN TERMS OF COMPARISON WITH SIMILAR, ACTUAL, OR HYPOTHETICAL STANDARD CASE WHERE OPTIMUM USE OF SUCH AVAILABLE TECHNIQUES WAS MADE:

C. EXTENT TO WHICH NONDESTRUCTIVE MEASUREMENT TECHNIQUES AVAILABLE TO AGENCY WERE ACTUALLY USED (E.G. SAMPLE SIZE VS. POPULATION SIZE);

D. SAME AS C. ABOVE DEALING WITH SAMPLES TAKEN FOR DESTRUCTIVE LABORATORY ANALYSIS;

4. ANOTHER AREA WHICH MIGHT BE CONSIDERED FOR INCLUSION IS THAT OF DIFFICULTIES ENCOUNTERED IN SAFEGUARDS IMPLEMENTATION, SUCH AS REFUSAL BY GOVERNMENT OF FACILITY OPERATOR TO ALLOW USE OF SEALS OR CAMERAS OR REFUSAL TO ALLOW ELECTRONICALLY RECORDED SAFEGUARDS DATA TO BE RETURNED TO VIENNA FOR ANALYSIS AND RECORDS STORAGE; AND CONSIDERATION MIGHT BE GIVEN ALSO TO PROVISION OF LIMITED OFFICIAL USE

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QUANTITATIVE CONCLUSIONS SUCH AS THE MUF AND LIMITS OF UNCERTAINTY OF IAEA'S INDEPENDENT VERIFICATION.

5. FOREGOING IS NOT INTENDED TO BE ALL-INCLUSIVE LIST OF TYPES OF INFORMATION OR POSSIBLE CRITERIA, AND WE BELIEVE AGENCY MIGHT BE ABLE TO DEVELOP EVEN MORE BALANCED AND RESPONSIVE SET OF PARAMETERS THAN THOSE SUGGESTED ABOVE.

6. ASIDE FROM INFORMATION REGARDING AGENCY ACTIVITIES IN IMPLEMENTING SAFEGUARDS, BELIVE INVENTORIES WHICH MOST SAFEGUARDS TRANSFER AGREEMENTS REQUIRE AGENCY TO SEND GOVERNMENTS CONCERNED COULD REASONABLY BE EXPECTED TO INCLUDE FULLER INFORMATION. FOR EXAMPLE, IT WOULD SEEM APPROPRIATE FOR SUCH INVENTORIES TO (A) INDICATE FORM OF ALL NUCLEAR MATERIALS LISTED AND FACILITIES IN WHICH THEY ARE LOCATED, (B) INDENTIFY PRODUCED PLUTONIUM AS SUCH, SEPARATELY FROM ANY SUPPLIED PLUTONIUM, AND (C) SPECIFY URANIUM ENRICHMENTS. FOREGOING ITEMS (B) AND (C) ARE PROVIDED IN SOME INVENTORIES BUT NOT ALL. (E.G. JAPAN INVENTORY LUMPS PRODUCED PLUTONIUM WITH SUPPLIED PLUTONIUM AS SINGLE ITEM AND LISTS ALL ENRICHED URANIUM AS SINGLE ITEM WITH NOTATION QUOTE ENRICHMENT NOT STATED UNQUOTE.) ITMIGHT BE REASONABLE FOR U.S. TO BE GIVEN SUCH DATA ALSO ON SAFEGUARD U.S.-SUPPLIED MATERIALS IN COUNTRIES FOR WHICH STA DOES NOT REQUIRE AGENCY TO PROVIDE INVENTORIES.

7. BELIEVE INITIATING CONSULTATIONS NOW, BEFORE APPROACHING OTHE NATIONS ABOUT PROVISION OF INFORMATION SUBJECT TO SECTION 13 AND 14 OF SAFEGUARDS DOCUMENT, COULD BE USEFUL NOT ONLY IN PAVING WAY FOR EARLY U.S. RECEIPT OF INFORMATION OF TYPE INDICATED ABOVE BUT ALSO IN CLARIFYING AREAS IN WHICH U.S. DESIRES INFORMATION WHICH OTHER NATONS SHOULD BE ASED TO AUTHORIZED AGENCY TO PROVIDE.

8. ASSUMING CONSULTATIONS WITH AGENCY LEAD TO AGREEMENT IN PRINCIPLE THAT INFORMATION INDICATED PARAS 3, 4, AND 6 ABOVE CAN BE PROVIDED WITHOUT OTHER NATONS' CONSENT, NEXT STEP WOULD BE TO DEVELOP APPROPRIATE ARRANGEMENTS WICH AGENCY FOR PROVISION OF SUCH INFORMATION ASAP.

9. ADVISE.

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** AGREEMENTS, MEETINGS, NUCLEAR SAFEGUARDS, FISSIONABLE MATERIALS TRANSFER  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 24 JUN 1975  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** CunninFX  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
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**To:** IAEA VIENNA  
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